NAME OF WORK:- Improvements to Roads and Drains at Kuvempunagara 1st Stage and Surrounding Area in ward no.11.

EMB

(Pre-Measurement Sheet and Measurement Sheet)

First and Final Bill

BRUHAT BANGALORE MAHANAGARA PALIKE

OF WORK:- Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no.11 in pupunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

hainage		Description of Item	Unit	No	Length	Breadth (m)			Depth	Quantity	Remarks
m	To				(m)	B1	B2	Avg B	(m)		
m No. 01		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
asurements aken on		12-05-2021									
		Drain Desilt									
		Kuvempu Nagar									
		2nd Cross Road									
		From 2nd Main to Seeta Ram Temple Road									
		RHS (North Side)									
0	6.2		Cum	1	6.20	0.60	0.60	0.60	0.50	1.86	
6.2	8.1		Cum	1	1.90	0.60	0.60	0.60	0.50	0.57	
8.1	9.9		Cum	1	1.80	0.60	0.60	0.60	0.50	0.54	
9.9	13.9		Cum	1	4.00	0.60	0.60	0.60	0.50	1.20	
13.9	27		Cum	1	13.10	0.60	0.60	0.60	0.50	3.93	
27	31.5		Cum	1	4.50	0.60	0.60	0.60	0.50	1.35	
31.5	40.2		Cum	1	8.70	0.60	0.60	0.60	0.50	2.61	
40.2	71	No Work	Cum	1	0.00	0.60	0.60	0.60	0.50	0.00	
		LHS (South Side)									
		From Seeta Ram Temple Road to 2nd Main									
0	3.2		Cum	1	3.20	0.60	0.60	0.60	0.50	0.96	
3.2	15.8		Cum	1	12.60	0.60	0.60	0.60	0.50	3.78	
15.8	18.5		Cum	1	2.70	0.60	0.60	0.60	0.50	0.81	
18.5	24.2		Cum	1	5.70	0.60	0.60	0.60	0.50	1.71	
24.2	27.1		Cum	1	2.90	0.60	0.60	0.60	0.50	0.87	
27.1	33.1		Cum	1	6.00	0.60	0.60	0.60	0.50	1.80	
33.1	35.6		Cum	1	2.50	0.60	0.60	0.60	0.50	0.75	
35.6	50.2		Cum	1	14.60	0.60	0.60	0.60	0.50	4.38	
50.2	51.2		Cum	1	1.00	0.60	0.60	0.60	0.50	0.30	
51.2	69.5		Cum	1	18.30	0.60	0.60	0.60	0.50	5.49	
69.5	71.5		Cum	1	2.00	0.60	0.60	0.60	0.50	0.60	
		3rd Cross Road Tippu Sultan Road									
		From 2nd Main to Cross Road									
		RHS (North Side)									
0	1.1		Cum	1	1.10	0.60	0.60	0.60	0.50	0.33	
1.1	7.4		Cum	1	6.30	0.60	0.60	0.60	0.50	1.89	
7.4	14.3		Cum	1	6.90	0.60	0.60	0.60	0.50	2.07	
14.3	15.4		Cum	1	1.10	0.60	0.60	0.60	0.50	0.33	
15.4	18		Cum	1	2.60	0.60	0.60	0.60	0.50	0.78	
18	36.9		Cum	1	18.90	0.60	0.60	0.60	0.50	5.67	
36.9	44.1		Cum	1	7.20	0.60	0.60	0.60	0.50	2.16	
44.1	52.8		Cum	1	8.70	0.60	0.60	0.60	0.50	2.61	
52.8	61.7		Cum	1	8.90	0.60	0.60	0.60	0.50	2.67	
61.7	70.1	No Work	Cum	1	0.00	0.60	0.60	0.60	0.50	0.00	

5202

PRASAD CONSULTANTS BANGALORE

ASSISTANT EXECUTIVE ENGINE
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahar

Assistant Executive Engineer, R.R. Nagar, Sub-division, BBMP, BBMP Bangalore

PMC

12/05/21

Assistant Engineer

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

OF WORK:- Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no.11 in Kuvempunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m) B1	Breadth (m) B2	Breadth (m) Avg B	Depth (m)	Quantity	Remarks
		LHS (South Side)									
		From Cross Road to 2nd Main									
0	1.9		Cum	1	1.90	0.60	0.60	0.60	0.50	0.57	
1.9	7.5		Cum	1	5.60	0.60	0.60	0.60	0.50	1.68	
7.5	9.6		Cum	1	2.10	0.60	0.60	0.60	0.50	0.63	
9.6	14.1		Cum	1	4.50	0.60	0.60	0.60	0.50	1.35	
14.1	15.4		Cum	1	1.30	0.60	0.60	0.60	0.50	0.39	
15.4	26		Cum	1	10.60	0.60	0.60	0.60	0.50	3.18	
26	27.1		Cum	1	1.10	0.60	0.60	0.60	0.50	0.33	
27.1	31.6		Cum	1	4.50	0.60	0.60	0.60	0.50	1.35	
31.6	33.5		Cum	1	1.90	0.60	0.60	0.60	0.50	0.57	
33.5	43.7		Cum	1	10.20	0.60	0.60	0.60	0.50	3.06	
43.7	45.1		Cum	1	1.40	0.60	0.60	0.60	0.50	0.42	
45.1	45.8		Cum	1	0.70	0.60	0.60	0.60	0.50	0.21	
45.8	57.9		Cum	1	12.10	0.60	0.60	0.60	0.50	3.63	
57.9	63.1		Cum	1	5.20	0.60	0.60	0.60	0.50	1.56	
63.1	65.7		Cum	1	2.60	0.60	0.60	0.60	0.50	0.78	
65.7	68.9		Cum	1	3.20	0.60	0.60	0.60	0.50	0.96	
		4th Cross Road (TP Kailasm Road)									
		From 2nd Main Road to 94 CC 112 House									
		RHS (North Side)									
0	4.8	No Work	Cum	1	0.00	0.60	0.60	0.60	0.50	0.00	
4.8	10.7		Cum	1	5.90	0.60	0.60	0.60	0.50	1.77	
10.7	12.8		Cum	1	2.10	0.60	0.60	0.60	0.50	0.63	
12.8	29.6		Cum	1	16.80	0.60	0.60	0.60	0.50	5.04	
29.6	33.1		Cum	1	3.50	0.60	0.60	0.60	0.50	1.05	
33.1	37.5		Cum	1	4.40	0.60	0.60	0.60	0.50	1.32	
37.5	60		Cum	1	22.50	0.60	0.60	0.60	0.50	6.75	
60	62.8		Cum	1	2.80	0.60	0.60	0.60	0.50	0.84	
62.8	69.6		Cum	1	6.80	0.60	0.60	0.60	0.50	2.04	
		LHS (South Side)									
		From 94 CC 112 House to 2nd Main Road									
0	5.1		Cum	1	5.10	0.60	0.60	0.60	0.50	1.53	
5.1	16.8		Cum	1	11.70	0.60	0.60	0.60	0.50	3.51	
16.8	18.3		Cum	1	1.50	0.60	0.60	0.60	0.50	0.45	
18.3	27.5		Cum	1	9.20	0.60	0.60	0.60	0.50	2.76	
27.5	36		Cum	1	8.50	0.60	0.60	0.60	0.50	2.55	
36	43.3		Cum	1	7.30	0.60	0.60	0.60	0.50	2.19	
43.3	44.7		Cum	1	1.40	0.60	0.60	0.60	0.50	0.42	
44.7	53.5		Cum	1	8.80	0.60	0.60	0.60	0.50	2.64	
53.5	55.3		Cum	1	1.80	0.60	0.60	0.60	0.50	0.54	
55.3	58.5		Cum	1	3.20	0.60	0.60	0.60	0.50	0.96	
58.5	69.8		Cum	1	11.30	0.60	0.60	0.60	0.50	3.39	

52.02

118.07

30/12/05/21

Assistant Executive Engineer, R.R. Nagar, Sub-division, Corporation, BBMP, Bangalore

Assistant Engineer

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Assistant executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

OF WORK:- Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no.11 in empunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m) B1	Breadth (m) B2	Breadth (m) Avg B	Depth (m)	Quantity	Remarks
		4th Cross (TP Kailasm Opp Road)									
		RHS (South Side)									
		From 2nd Main To Canaah House									
0	7.7		Cum	1	7.70	0.60	0.60	0.60	0.50	2.31	113.07
7.7	12.9		Cum	1	5.20	0.60	0.60	0.60	0.50	1.56	
12.9	17.4		Cum	1	4.50	0.60	0.60	0.60	0.50	1.35	
17.4	18.7		Cum	1	1.30	0.60	0.60	0.60	0.50	0.39	
18.7	20		Cum	1	1.30	0.60	0.60	0.60	0.50	0.39	
20	28.5		Cum	1	8.50	0.60	0.60	0.60	0.50	2.55	
28.5	32.7		Cum	1	4.20	0.60	0.60	0.60	0.50	1.26	
		LHS (North Side)									
		From 2nd Main to Apex Tailer									
0	1.4		Cum	1	1.40	0.60	0.60	0.60	0.50	0.42	
1.4	5.6		Cum	1	4.20	0.60	0.60	0.60	0.50	1.26	
5.6	6.9		Cum	1	1.30	0.60	0.60	0.60	0.50	0.39	
6.9	20.7		Cum	1	13.80	0.60	0.60	0.60	0.50	4.14	
		Flagging Course									
		Kuvempu Nagar									
		2nd Cross Road									
		From 2nd Main to Seeta Ram Temple Road									
		RHS (North Side)									
0	6.2		Cum	1	6.20	0.30	0.30	0.30	0.60	1.12	
6.2	8.1		Cum	1	1.90	0.30	0.30	0.30	0.60	0.34	
8.1	9.9		Cum	1	1.80	0.30	0.30	0.30	0.60	0.32	
9.9	13.9		Cum	1	4.00	0.30	0.30	0.30	0.60	0.72	
13.9	27		Cum	1	13.10	0.30	0.30	0.30	0.60	2.36	
27	31.5		Cum	1	4.50	0.30	0.30	0.30	0.60	0.81	
31.5	40.2		Cum	1	8.70	0.30	0.30	0.30	0.60	1.57	
40.2	71	No Work	Cum	1	0.00	0.30	0.30	0.30	0.60	0.00	
		LHS (South Side)									
		From Seeta Ram Temple Road to 2nd Main									
0	3.2		Cum	1	3.20	0.30	0.30	0.30	0.60	0.58	
3.2	15.8		Cum	1	12.60	0.30	0.30	0.30	0.60	2.27	
15.8	18.5		Cum	1	2.70	0.30	0.30	0.30	0.60	0.49	
18.5	24.2		Cum	1	5.70	0.30	0.30	0.30	0.60	1.03	
24.2	27.1		Cum	1	2.90	0.30	0.30	0.30	0.60	0.52	
27.1	33.1		Cum	1	6.00	0.30	0.30	0.30	0.60	1.08	
33.1	35.6		Cum	1	2.50	0.30	0.30	0.30	0.60	0.45	
35.6	50.2		Cum	1	14.60	0.30	0.30	0.30	0.60	2.63	
50.2	51.2		Cum	1	1.00	0.30	0.30	0.30	0.60	0.18	
51.2	69.5		Cum	1	18.30	0.30	0.30	0.30	0.60	3.29	
69.5	71.5		Cum	1	2.00	0.30	0.30	0.30	0.60	0.36	149.20

R.PRASAD CONSULTANTS BANGALORE

Assistant Executive Engineer
R.R. Nagar, Sub-division
KRIDL, BBMP, Bangalore
Contractor

PMC

Assistant Engineer 12/05/21

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

OF WORK:- Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no.11 in vempunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m) B1	Breadth (m) B2	Breadth (m) Avg B	Depth (m)	Quantity	Remarks
		3rd Cross Road Tippu Sultan Road									
		From 2nd Main to Cross Road									
		RHS (North Side)									
0	1.1		Cum	1	1.10	0.30	0.30	0.30	0.40	0.13	149.20
1.1	7.4		Cum	1	6.30	0.30	0.30	0.30	0.40	0.76	
7.4	14.3		Cum	1	6.90	0.30	0.30	0.30	0.40	0.83	
14.3	15.4		Cum	1	1.10	0.30	0.30	0.30	0.40	0.13	
15.4	18		Cum	1	2.60	0.30	0.30	0.30	0.40	0.31	
18	36.9		Cum	1	18.90	0.30	0.30	0.30	0.40	2.27	
36.9	44.1		Cum	1	7.20	0.30	0.30	0.30	0.40	0.86	
44.1	52.8		Cum	1	8.70	0.30	0.30	0.30	0.40	1.04	
52.8	61.7		Cum	1	8.90	0.30	0.30	0.30	0.40	1.07	
61.7	70.1	No Work	Cum	1	0.00	0.30	0.30	0.30	0.40	0.00	
		LHS (South Side)									
		From Cross Road to 2nd Main									
0	1.9		Cum	1	1.90	0.30	0.30	0.30	0.40	0.23	
1.9	7.5		Cum	1	5.60	0.30	0.30	0.30	0.40	0.67	
7.5	9.6		Cum	1	2.10	0.30	0.30	0.30	0.40	0.25	
9.6	14.1		Cum	1	4.50	0.30	0.30	0.30	0.40	0.54	
14.1	15.4		Cum	1	1.30	0.30	0.30	0.30	0.40	0.16	
15.4	26		Cum	1	10.60	0.30	0.30	0.30	0.40	1.27	
26	27.1		Cum	1	1.10	0.30	0.30	0.30	0.40	0.13	
27.1	31.6		Cum	1	4.50	0.30	0.30	0.30	0.40	0.54	
31.6	33.5		Cum	1	1.90	0.30	0.30	0.30	0.40	0.23	
33.5	43.7		Cum	1	10.20	0.30	0.30	0.30	0.40	1.22	
43.7	45.1		Cum	1	1.40	0.30	0.30	0.30	0.40	0.17	
45.1	45.8		Cum	1	0.70	0.30	0.30	0.30	0.40	0.08	
45.8	57.9		Cum	1	12.10	0.30	0.30	0.30	0.40	1.45	
57.9	63.1		Cum	1	5.20	0.30	0.30	0.30	0.40	0.62	
63.1	65.7		Cum	1	2.60	0.30	0.30	0.30	0.40	0.31	
65.7	68.9		Cum	1	3.20	0.30	0.30	0.30	0.40	0.38	
		4th Cross Road (TP Kailasm Road)									
		From 2nd Main Road to 94 CC/112 House									
		RHS (North Side)									
0	4.8	No Work	Cum	1	0.00	0.30	0.30	0.30	0.40	0.00	
4.8	10.7		Cum	1	5.90	0.30	0.30	0.30	0.40	0.71	
10.7	12.8		Cum	1	2.10	0.30	0.30	0.30	0.40	0.25	
12.8	29.6		Cum	1	16.80	0.30	0.30	0.30	0.40	2.02	
29.6	33.1		Cum	1	3.50	0.30	0.30	0.30	0.40	0.42	
33.1	37.5		Cum	1	4.40	0.30	0.30	0.30	0.40	0.53	
37.5	60		Cum	1	22.50	0.30	0.30	0.30	0.40	2.70	
60	62.8		Cum	1	2.80	0.30	0.30	0.30	0.40	0.34	
62.8	69.6		Cum	1	6.80	0.30	0.30	0.30	0.40	0.82	

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara

RUDRA PRASAD CONSULTANTS BANGALORE

Assistant Executive Engineer
R.R. Nagar, Sub-division
BBMP, Bangalore

Contractor PMC Assistant Engineer 05/21 Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

OF WORK:- Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no.11 in mpunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

hainage m	To	Description of Item	Unit	No	Length (m)	Breadth (m) B1	B2	Avg B	Depth (m)	Quantity	Remarks
		LHS (South Side)									
		From 94 CC TH2 House to 2nd Main Road									
	5.1		Cum	1	5.10	0.30	0.30	0.30	0.40	0.61	172.64
1	16.8		Cum	1	11.70	0.30	0.30	0.30	0.40	1.40	
8	18.3		Cum	1	1.50	0.30	0.30	0.30	0.40	0.18	
3	27.5		Cum	1	9.20	0.30	0.30	0.30	0.40	1.10	
5	36		Cum	1	8.50	0.30	0.30	0.30	0.40	1.02	
8	43.3		Cum	1	7.30	0.30	0.30	0.30	0.40	0.88	
3	44.7		Cum	1	1.40	0.30	0.30	0.30	0.40	0.17	
7	53.5		Cum	1	8.80	0.30	0.30	0.30	0.40	1.06	
5	55.3		Cum	1	1.80	0.30	0.30	0.30	0.40	0.22	
3	58.5		Cum	1	3.20	0.30	0.30	0.30	0.40	0.38	
5	69.8		Cum	1	11.30	0.30	0.30	0.30	0.40	1.36	
		4th Cross (TP Kailasm Opp Road)									
		RHS (South Side)									
		From 2nd Main To Canaah House									
0	7.7		Cum	1	7.70	0.30	0.30	0.30	0.40	0.92	
7	12.9		Cum	1	5.20	0.30	0.30	0.30	0.40	0.62	
2.9	17.4		Cum	1	4.50	0.30	0.30	0.30	0.40	0.54	
7.4	18.7		Cum	1	1.30	0.30	0.30	0.30	0.40	0.16	
8.7	20		Cum	1	1.30	0.30	0.30	0.30	0.40	0.16	
20	28.5		Cum	1	8.50	0.30	0.30	0.30	0.40	1.02	
8.5	32.7		Cum	1	4.20	0.30	0.30	0.30	0.40	0.50	
		LHS (North Side)									
		From 2nd Main to Apex Tailer									
0	1.4		Cum	1	1.40	0.30	0.30	0.30	0.40	0.17	
1.4	5.6		Cum	1	4.20	0.30	0.30	0.30	0.40	0.50	
5.6	6.9		Cum	1	1.30	0.30	0.30	0.30	0.40	0.16	
6.9	20.7		Cum	1	13.80	0.30	0.30	0.30	0.40	1.66	
		For New CC Drain									
		Kuvempu Nagar									
		Church Road (9th Cross Road)									
		From Gude Vinayaka Temple Opp to 2nd Main Road									
		LHS (North Side)									
0	3.5		Cum	1	3.50	1.05	1.05	1.05	0.90	3.31	
3.5	11.2		Cum	1	7.70	1.05	1.05	1.05	0.90	7.28	
11.2	14.2		Cum	1	3.00	1.05	1.05	1.05	0.90	2.84	
14.2	33.2		Cum	1	19.00	1.05	1.05	1.05	0.90	17.96	
33.2	51.5		Cum	1	18.30	1.05	1.05	1.05	0.90	17.29	
51.5	57		Cum	1	5.50	1.05	1.05	1.05	0.90	5.20	
57	70.4		Cum	1	13.40	1.05	1.05	1.05	0.90	12.66	

253.96

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara P

Assistant Executive Engineer
Ward No. 11 Kuvempu Nagar, Sub-division
KRIDL, BBMP, Bangalore

Contractor

Assistant Engineer

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

OF WORK:- Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no.11 in empunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage		Description of Item	Unit	No	Length	Breadth (m)			Depth	Quantity	Remarks
om	To				(m)	B1	B2	Avg B	(m)		
		RHS (South Side)									
		From 2nd Main to Church									
0	15		Cum	1	15.00	1.05	1.05	1.05	0.90	14.18	
5	19.3		Cum	1	4.30	1.05	1.05	1.05	0.90	4.06	
3	49.6		Cum	1	30.30	1.05	1.05	1.05	0.90	28.63	
		Government School Road 10th Cross Road									
		LHS (South Side)									
		2nd Main To Cross Road									
0	33.2		Cum	1	33.20	1.05	1.05	1.05	0.90	31.37	
2	71.1		Cum	1	0.00	1.05	1.05	1.05	0.90	0.00	
		10th cross to Church Road									
		LHS (East Side)									
		From Govt School Road To Church Road									
0	15		Cum	1	15.00	1.10	1.10	1.10	0.90	14.85	
5	29.2		Cum	1	14.20	1.10	1.10	1.10	0.90	14.06	
									Total	**361.11**	

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara P

PRASAD CONSULTANTS BANGALORE

Assistant Executive Engineer
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Contractor BMC Assistant Engineer 12/05/21 Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

OF WORK:- Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no.11 in mpunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage		Description of Item	Unit	No	Length	Breadth (m)			Depth	Quantity	Remarks
m	To				(m)	B1	B2	Avg B	(m)		
em No. 02		Removing and refixing stone slabs of drains and pointing in CM (1:3) and as per the directions of the Engineer-in-charge of the work									
asurements taken on		15.05.2021									
		Kuvempu Nagar									
		2nd Cross Road									
		From 2nd Main to Seeta Ram Temple Road									
		RHS (North Side)									
3	7.8		Sqm	1	5.50			1.80		9.90	
9.7	11.3		Sqm	1	1.60			1.80		2.88	
17	38.1		Sqm	1	21.10			1.80		37.98	
		LHS (South Side)									
		From Seeta Ram Temple Road to 2nd Main									
3	9		Sqm	1	6.00			1.80		10.80	
15.2	18		Sqm	1	2.80			1.80		5.04	
23.9	49.4		Sqm	1	25.50			1.80		45.90	
53.9	69.7		Sqm	1	15.75			1.80		28.35	
		3rd Cross Road Tippu Sultan Road									
		From 2nd Main to Cross Road									
		RHS (North Side)									
2	6.2		Sqm	1	4.20			1.80		7.56	
8	11		Sqm	1	3.00			1.80		5.40	
16.9	32.1		Sqm	1	15.20			1.80		27.36	
36	41		Sqm	1	5.00			1.80		9.00	
43.8	59.6		Sqm	1	15.80			1.80		28.44	
		LHS (South Side)									
		From Cross Road to 2nd Main									
2	5		Sqm	1	3.00			1.80		5.40	
6.3	8.1		Sqm	1	1.80			1.80		3.24	
11	21		Sqm	1	10.00			1.80		18.00	
26.4	31.2		Sqm	1	4.80			1.80		8.64	
31.2	33.1		Sqm	1	1.90			1.80		3.42	
33.1	43.1		Sqm	1	10.00			1.80		18.00	
45	55		Sqm	1	10.00			1.80		18.00	
57.6	61		Sqm	1	3.40			1.80		6.12	
63.1	64.2		Sqm	1	1.10			1.80		1.98	
65.7	67.9		Sqm	1	2.20			1.80		3.96	
		4th Cross Road (TP Kailasm Road)									
		From 2nd Main Road to 94 CC/112 House									
		RHS (North Side)									
4.8	5.2		Sqm	1	0.40			1.80		0.72	
8.4	22		Sqm	1	13.60			1.80		24.48	
25.3	28.1		Sqm	1	2.80			1.80		5.04	

Assistant Executive Engineer, R.R. Nagar, Sub-division BBMP, Bangalore

Contractor

PMC

Assistant Engineer

15/05/21

ASSISTANT EXECUTIVE ENGINEER Vidyaranyapura Sub-Division

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

OF WORK:- Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no.11 in empunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage		Description of Item	Unit	No	Length	Breadth (m)			Depth	Quantity	Remarks
m	To				(m)	B1	B2	Avg B	(m)		
1	31		Sqm	1	1.90			1.80		3.42	335.61
5	55		Sqm	1	19.50			1.80		35.10	
2	58		Sqm	1	1.80			1.80		3.24	
2	64.6		Sqm	1	5.40			1.80		9.72	
		LHS (South Side)									
		From 94 CC 112 House to 2nd Main Road									
4	12		Sqm	1	8.00			1.80		14.40	
7	18		Sqm	1	1.30			1.80		2.34	
6	25		Sqm	1	4.40			1.80		7.92	
4	30		Sqm	1	2.60			1.80		4.68	
2	38		Sqm	1	6.00			1.80		10.80	
8	39		Sqm	1	1.00			1.80		1.80	
1	43.4		Sqm	1	2.44			1.80		4.39	
4	45		Sqm	1	1.00			1.80		1.80	
6	53.8		Sqm	1	7.80			1.80		14.04	
3.8	55.8		Sqm	1	2.00			1.80		3.60	
5.8	68		Sqm	1	12.20			1.80		21.96	
		4th Cross (TP Kailasm Opp Road)									
		RHS (South Side)									
		From 2nd Main To Canaah House									
3	15		Sqm	1	12.00			1.80		21.60	
9.7	27.2		Sqm	1	7.50			1.80		13.50	
29	32.5		Sqm	1	3.50			1.80		6.30	
		LHS (North Side)									
		From 2nd Main to Apex Tailer									
3	13.7		Sqm	1	10.70			1.80		19.26	
15	18.79		Sqm	1	3.79			1.80		6.82	
									Total	**542.30**	

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

R.PRASAD CONSULTANTS BANGALORE

Assistant Executive Engineer
R.R. Nagar, Sub-division.
KRIDL, BBMP, Bangalore.

Contractor PMC Assistant Engineer 15/05/21 Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

OF WORK:- Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no.11 in punagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

ainage		Description of Item	Unit	No	Length	Breadth (m)			Depth	Quantity	Remarks
	To				(m)	B1	B2	Avg B	(m)		
n No. 04		Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications, and as per the directions of the Engineer-in-charge of the work									
surements aken on		28-05-2021									
		For Flagging Course									
		Kuvempu Nagar									
		2nd Cross Road									
		From 2nd Main to Seeta Ram Temple Road									
		RHS (North Side)									
	6.2		Cum	1	6.20	0.30	0.30	0.30	0.15	0.28	
2	8.1		Cum	1	1.90	0.30	0.30	0.30	0.15	0.09	
1	9.9		Cum	1	1.80	0.30	0.30	0.30	0.15	0.08	
9	13.9		Cum	1	4.00	0.30	0.30	0.30	0.15	0.18	
3.9	27		Cum	1	13.10	0.30	0.30	0.30	0.15	0.59	
27	31.5		Cum	1	4.50	0.30	0.30	0.30	0.15	0.20	
1.5	40.2		Cum	1	8.70	0.30	0.30	0.30	0.15	0.39	
0.2	71	No Work	Cum	1	0.00	0.30	0.30	0.30	0.15	0.00	
		LHS (South Side)									
		From Seeta Ram Temple Road to 2nd Main									
0	3.2		Cum	1	3.20	0.30	0.30	0.30	0.15	0.14	
3.2	15.8		Cum	1	12.60	0.30	0.30	0.30	0.15	0.57	
15.8	18.5		Cum	1	2.70	0.30	0.30	0.30	0.15	0.12	
18.5	24.2		Cum	1	5.70	0.30	0.30	0.30	0.15	0.26	
24.2	27.1		Cum	1	2.90	0.30	0.30	0.30	0.15	0.13	
27.1	33.1		Cum	1	6.00	0.30	0.30	0.30	0.15	0.27	
33.1	35.6		Cum	1	2.50	0.30	0.30	0.30	0.15	0.11	
35.6	50.2		Cum	1	14.60	0.30	0.30	0.30	0.15	0.66	
50.2	51.2		Cum	1	1.00	0.30	0.30	0.30	0.15	0.05	
51.2	69.5		Cum	1	18.30	0.30	0.30	0.30	0.15	0.82	
69.5	71.5		Cum	1	2.00	0.30	0.30	0.30	0.15	0.09	
		3rd Cross Road Tippu Sultan Road									
		From 2nd Main to Cross Road									
		RHS (North Side)									
0	1.1		Cum	1	1.10	0.30	0.30	0.30	0.15	0.05	
1.1	7.4		Cum	1	6.30	0.30	0.30	0.30	0.15	0.28	
7.4	14.3		Cum	1	6.90	0.30	0.30	0.30	0.15	0.31	
14.3	15.4		Cum	1	1.10	0.30	0.30	0.30	0.15	0.05	
15.4	18		Cum	1	2.60	0.30	0.30	0.30	0.15	0.12	
18	36.9		Cum	1	18.90	0.30	0.30	0.30	0.15	0.85	
36.9	44.1		Cum	1	7.20	0.30	0.30	0.30	0.15	0.32	
44.1	52.8		Cum	1	8.70	0.30	0.30	0.30	0.15	0.39	
52.8	61.7		Cum	1	8.90	0.30	0.30	0.30	0.15	0.40	
61.7	70.1	No Work	Cum	1	0.00	0.30	0.30	0.30	0.15	0.00	3.80

PRASAD CONSULTANTS BANGALORE

Assistant Executive Engineer
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore
Contractor

PMC

28/05/21
Assistant Engineer

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bangalore Mahanagara Palike

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

OF WORK:- Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no.11 in empunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m) B1	Breadth (m) B2	Breadth (m) Avg B	Depth (m)	Quantity	Remarks
		LHS (South Side)									
		From Cross Road to 2nd Main									
0	1.9		Cum	1	1.90	0.30	0.30	0.30	0.15	0.09	37.80
1.9	7.5		Cum	1	5.60	0.30	0.30	0.30	0.15	0.25	
7.5	9.6		Cum	1	2.10	0.30	0.30	0.30	0.15	0.09	
9.6	14.1		Cum	1	4.50	0.30	0.30	0.30	0.15	0.20	
14.1	15.4		Cum	1	1.30	0.30	0.30	0.30	0.15	0.06	
15.4	26		Cum	1	10.60	0.30	0.30	0.30	0.15	0.48	
26	27.1		Cum	1	1.10	0.30	0.30	0.30	0.15	0.05	
27.1	31.6		Cum	1	4.50	0.30	0.30	0.30	0.15	0.20	
31.6	33.5		Cum	1	1.90	0.30	0.30	0.30	0.15	0.09	
33.5	43.7		Cum	1	10.20	0.30	0.30	0.30	0.15	0.46	
43.7	45.1		Cum	1	1.40	0.30	0.30	0.30	0.15	0.06	
45.1	45.8		Cum	1	0.70	0.30	0.30	0.30	0.15	0.03	
45.8	57.9		Cum	1	12.10	0.30	0.30	0.30	0.15	0.54	
57.9	63.1		Cum	1	5.20	0.30	0.30	0.30	0.15	0.23	
63.1	65.7		Cum	1	2.60	0.30	0.30	0.30	0.15	0.12	
65.7	68.9		Cum	1	3.20	0.30	0.30	0.30	0.15	0.14	
		4th Cross Road (TP Kailasm Road)									
		From 2nd Main Road to 94 CC/112 House									
		RHS (North Side)									
0	4.8	No Work	Cum	1	0.00	0.30	0.30	0.30	0.15	0.00	
4.8	10.7		Cum	1	5.90	0.30	0.30	0.30	0.15	0.27	
10.7	12.8		Cum	1	2.10	0.30	0.30	0.30	0.15	0.09	
12.8	29.6		Cum	1	16.80	0.30	0.30	0.30	0.15	0.76	
29.6	33.1		Cum	1	3.50	0.30	0.30	0.30	0.15	0.16	
33.1	37.5		Cum	1	4.40	0.30	0.30	0.30	0.15	0.20	
37.5	60		Cum	1	22.50	0.30	0.30	0.30	0.15	1.01	
60	62.8		Cum	1	2.80	0.30	0.30	0.30	0.15	0.13	
62.8	69.6		Cum	1	6.80	0.30	0.30	0.30	0.15	0.31	
		LHS (South Side)									
		From 94 CC/112 House to 2nd Main Road									
0	5.1		Cum	1	5.10	0.30	0.30	0.30	0.15	0.23	
5.1	16.8		Cum	1	11.70	0.30	0.30	0.30	0.15	0.53	
16.8	18.3		Cum	1	1.50	0.30	0.30	0.30	0.15	0.07	
18.3	27.5		Cum	1	9.20	0.30	0.30	0.30	0.15	0.41	
27.5	36		Cum	1	8.50	0.30	0.30	0.30	0.15	0.38	
36	43.3		Cum	1	7.30	0.30	0.30	0.30	0.15	0.33	
43.3	44.7		Cum	1	1.40	0.30	0.30	0.30	0.15	0.06	
44.7	53.5		Cum	1	8.80	0.30	0.30	0.30	0.15	0.40	
53.5	55.3		Cum	1	1.80	0.30	0.30	0.30	0.15	0.08	
55.3	58.5		Cum	1	3.20	0.30	0.30	0.30	0.15	0.14	
58.5	69.8		Cum	1	11.30	0.30	0.30	0.30	0.15	0.51	

16.96

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahan...

Assistant Executive Engineer
R.R. Nagar, Sub-division,
Bruhat, BBMP, Bangalore

Contractor PMC Assistant Engineer 28/05/21 Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

OF WORK:- Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no.11 in mpunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage		Description of Item	Unit	No	Length	Breadth (m)			Depth	Quantity	Remarks
m	To				(m)	B1	B2	Avg B	(m)		
		4th Cross (TP Kailasm Opp Road)									
		RHS (South Side)									
		From 2nd Main To Canaah House									
0	7.7		Cum	1	7.70	0.30	0.30	0.30	0.15	0.35	
7	12.9		Cum	1	5.20	0.30	0.30	0.30	0.15	0.23	
2.9	17.4		Cum	1	4.50	0.30	0.30	0.30	0.15	0.20	
7.4	18.7		Cum	1	1.30	0.30	0.30	0.30	0.15	0.06	
8.7	20		Cum	1	1.30	0.30	0.30	0.30	0.15	0.06	
20	28.5		Cum	1	8.50	0.30	0.30	0.30	0.15	0.38	
8.5	32.7		Cum	1	4.20	0.30	0.30	0.30	0.15	0.19	
		LHS (North Side)									
		From 2nd Main to Apex Tailer									
0	1.4		Cum	1	1.40	0.30	0.30	0.30	0.15	0.06	
1.4	5.6		Cum	1	4.20	0.30	0.30	0.30	0.15	0.19	
5.6	6.9		Cum	1	1.30	0.30	0.30	0.30	0.15	0.06	
6.9	20.7		Cum	1	13.80	0.30	0.30	0.30	0.15	0.62	
		For Road PCC									
		Sri Manjunath Layout Singapura									
		7th Cross Road									
		From North To South									
0	30		Cum	1	30.00	5.40	5.80	5.60	0.15	25.20	
30	42.2		Cum	1	12.20	5.80	6.40	6.10	0.15	11.16	
		Ashraya Layout 3rd A Cross Connecting Hosabalu nagar Main road									
		From East Side To West Side									
0	3.2		Cum	1	3.20	3.90	4.80	4.35	0.15	2.09	
3.2	7.9		Cum	1	4.70	5.00	5.80	5.40	0.15	3.81	
7.9	9.8		Cum	1	1.90	5.60	3.70	4.65	0.15	1.33	
9.8	15		Cum	1	5.20	3.70	3.50	3.60	0.15	2.81	
15	28.4		Cum	1	13.40	3.50	4.20	3.85	0.15	7.74	
28.4	45		Cum	1	16.60	4.70	4.20	4.45	0.15	11.08	
45	60		Cum	1	15.00	4.20	4.80	4.50	0.15	10.13	
		Kanaka Bhavana Front Road									
		From Asraya Layout 3rd Cross to Asphalt Road Conecting									
0	15		Cum	1	15.00	5.00	5.00	5.00	0.15	11.25	
15	30		Cum	1	15.00	5.00	5.00	5.00	0.15	11.25	
30	45		Cum	1	15.00	5.00	5.00	5.00	0.15	11.25	
45	60		Cum	1	15.00	5.00	5.00	5.00	0.15	11.25	
60	75		Cum	1	15.00	5.00	5.00	5.00	0.15	11.25	
75	90		Cum	1	15.00	5.00	5.00	5.00	0.15	11.25	
90	101.5		Cum	1	11.50	5.00	5.00	5.00	0.15	8.63	

RAO PRASAD CONSULTANTS BANGALORE

Assistant Executive Engineer, R.R. Nagar, Sub-division, PMC Bangalore

Assistant Engineer 28/05/21

ASSISTANT EXECUTIVE ENGINEER Vidyaranyapura Sub-Division Bruhath Bengaluru Mahanagara Palike

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

OF WORK:- Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no.11 in empunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m) B1	Breadth (m) B2	Breadth (m) Avg B	Depth (m)	Quantity	Remarks
		Kuvempu Nagar									
		9th Cross Church Road									
		From 2nd Main To Dead End									
0	13.2		Cum	1	13.20	6.20	5.70	5.95	0.15	11.78	1+0.82
13.2	19.6		Cum	1	6.40	5.30	4.40	4.85	0.15	4.66	
19.6	30		Cum	1	10.40	5.00	5.30	5.15	0.15	8.03	
30	41.8		Cum	1	11.80	5.30	6.40	5.85	0.15	10.35	
41.8	44.8		Cum	1	3.00	5.90	6.10	6.00	0.15	2.70	
44.8	50.4		Cum	1	5.60	5.40	5.50	5.45	0.15	4.58	
50.4	54.4		Cum	1	4.00	4.95	5.20	5.08	0.15	3.05	
54.4	63.6		Cum	1	9.20	4.50	4.70	4.60	0.15	6.35	
63.6	70.5		Cum	1	6.90	5.50	4.90	5.20	0.15	5.38	
70.5	71.3		Cum	1	0.80	5.60	5.60	5.60	0.15	0.67	
71.3	72.9		Cum	1	1.60	6.10	6.10	6.10	0.15	1.46	
72.9	75.2		Cum	1	2.30	4.65	4.80	4.73	0.15	1.63	
75.2	79		Cum	1	3.80	5.00	3.95	4.48	0.15	2.55	
79	86.8		Cum	1	7.80	6.00	5.50	5.75	0.15	6.73	
		Nammura Anganavadi Near Church									
		From 9th Cross Church Road to Ro Plant Road									
0	12		Cum	1	12.00	6.65	6.45	6.55	0.15	11.79	
12	30.6		Cum	1	18.60	6.15	4.95	5.55	0.15	15.48	
		6th Cross Road (Mariyamma Temple)									
		From 2nd Main To Maramma Temple									
0	2.1		Cum	1	2.10	6.30	6.40	6.35	0.15	2.00	
2.1	12.1		Cum	1	10.00	7.00	7.45	7.23	0.15	10.84	
12.1	13.9		Cum	1	1.80	6.15	6.10	6.13	0.15	1.65	
13.9	34.8		Cum	1	20.90	7.60	8.00	7.80	0.15	24.45	
		Maramma Temple Road									
		From Maramma Temple To Main Road									
0	1.5		Cum	1	1.50	7.00	7.00	7.00	0.15	1.58	
1.5	13.4		Cum	1	11.90	7.40	6.50	6.95	0.15	12.41	
13.4	16.5		Cum	1	3.10	5.85	5.95	5.90	0.15	2.74	
16.5	19.4		Cum	1	2.90	8.10	8.20	8.15	0.15	3.55	
19.4	25.3		Cum	1	5.90	7.20	6.50	6.85	0.15	6.06	

333-30

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

PRASAD CONSULTANTS BANGALORE

Assistant Executive Engineer,
Jnanabharathi, Sub-division,
KRIDL, BBMP, Bangalore

Assistant Engineer

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

E OF WORK Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no 11 in mpunagar

PRE MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage		Description of Item	Unit	No	Length	Breadth (m)			Depth	Quantity	Remarks
m	To				(m)	B1	B2	Avg B	(m)		
		Muniswamappa Layout									
		1st Cross Road									
		From Sri Manjunatha Swami Nilaya to Dead End									
0	18		Cum	1	15.00	3.50	4.10	3.80	0.15	8.55	333.30
18	30		Cum	1	15.00	4.10	4.30	4.20	0.15	9.45	
30	34.8		Cum	1	4.80	4.30	4.30	4.30	0.15	3.09	
34.8	43.9		Cum	1	9.10	4.00	4.10	4.05	0.15	5.53	
43.9	44.6		Cum	1	0.70	2.80	2.75	2.78	0.15	0.29	
44.6	60		Cum	1	15.40	4.40	4.40	4.40	0.15	9.89	
60	75.5		Cum	1	15.50	4.40	4.50	4.45	0.15	10.35	
75.5	83		Cum	1	7.50	3.70	3.70	3.70	0.15	4.16	
		Singapur Layout									
		From #59 2 Srimathi Latha W o Kumar to Lokesh Nilaya #34									
0	1.8		Cum	1	1.80	3.05	3.05	3.05	0.15	0.82	
1.8	6.4		Cum	1	4.60	3.55	3.60	3.58	0.15	2.47	
6.4	8.5		Cum	1	2.10	2.75	2.60	2.68	0.15	0.84	
8.5	14.5		Cum	1	6.00	3.25	2.70	2.98	0.15	2.68	
14.5	15.6		Cum	1	1.10	2.55	2.55	2.55	0.15	0.42	
15.6	27.2		Cum	1	11.60	3.85	3.30	3.58	0.15	6.22	
27.2	32.1		Cum	1	4.90	7.50	6.20	6.85	0.15	5.03	
32.1	37.3		Cum	1	5.20	5.80	5.50	5.65	0.15	4.41	
37.3	51.1		Cum	1	13.80	4.80	5.00	4.90	0.15	10.14	
51.1	56.6		Cum	1	5.50	5.00	5.50	5.25	0.15	4.33	
		Singapura									
		KiranDeep Nivas House Road									
		From 2nd Main Tower Road to Dead End									
0	15		Cum	1	15.00	4.35	4.40	4.38	0.15	9.84	
15	30.5		Cum	1	15.50	4.40	4.20	4.30	0.15	10.00	
		#13 Surabhi House Road									
		From 2nd Main Tower Road to Dead End									
0	15		Cum	1	15.00	3.40	3.95	3.68	0.15	8.27	
15	30		Cum	1	15.00	3.95	3.85	3.90	0.15	8.78	
30	31.6		Cum	1	1.60	3.85	3.65	3.75	0.15	0.90	
		#120 Ashirvada House Road									
		From 2nd Main Tower Road to Dead End									
0	3.5		Cum	1	3.50	4.00	4.40	4.20	0.15	2.21	
3.5	8.6		Cum	1	5.10	5.10	5.15	5.13	0.15	3.92	
8.6	12.3		Cum	1	3.70	4.75	4.80	4.78	0.15	2.65	
12.3	15		Cum	1	2.70	4.30	4.40	4.35	0.15	1.76	
15	24.7		Cum	1	9.70	4.40	4.05	4.23	0.15	6.15	
			Cum	1	15.00	3.30	3.15	3.23	0.15	7.26	
0	15		Cum	1	15.00	3.15	3.60	3.38	0.15	7.59	
15	30		Cum	1	11.00	3.60	3.50	3.55	0.15	5.86	
30	41										

4045.62

RUDRAPRASAD CONSULTANTS BANGALORE

Assistant Executive Engineer
R.R. Nagar Sub-division,
BBMP, Bangalore

Assistant Engineer 28/05/21

ASSISTANT EXECUTIVE ENGINEER
Vijayanagara Sub-Division

Assistant executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

OF WORK:- Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no.11 in mpunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

hainage		Description of Item	Unit	No	Length	Breadth (m)			Depth	Quantity	Remarks
m	To				(m)	B1	B2	Avg B	(m)		
		Deduction									
			Cum	-1	0.44				0.15	-0.26	495.69
					Area of Circle=(3.14X0.75²)/4=0.44						
			Cum	-3	0.50				0.15	-0.23	
					Area of Circle=(3.14X0.8²)/4=0.50						
			Cum	-3	0.44				0.15	-0.20	
					Area of Circle=(3.14X0.75²)/4=0.44						
			Cum	-1	0.50				0.15	-0.08	
					Area of Circle=(3.14X0.8²)/4=0.50						
			Cum	-1	0.44				0.15	-0.07	
					Area of Circle=(3.14X0.75²)/4=0.44						
			Cum	-1	1.70	0.90	0.90	0.90	0.15	-0.23	
			Cum	-1	2.60	6.50	6.50	6.50	0.15	-2.54	
			Cum	-1	1.30	1.20	1.20	1.20	0.15	-0.23	
			Cum	-1	2.30	6.40	6.40	6.40	0.15	-2.21	
									Total	**489.64**	

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

RAJENDRA PRASAD CONSULTANTS BANGALORE

Assistant Executive Engineer, Kuvempunagar, Sub-division, BBMP, Bangalore

Assistant Engineer 26/05/21

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

OF WORK:- Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no.11 in vempunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m) B1	Breadth (m) B2	Breadth (m) Avg B	Depth (m)	Quantity	Remarks
Item No. 07		Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs. with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on		03-06-2021									
		Drain PCC									
		Kuvempu Nagar									
		Church Road (9th Cross Road)									
		From Gude Vinayaka Temple Opp to 2nd Main Road									
		LHS (North Side)									
0	3.5		Cum	1	3.50	1.05	1.05	1.05	0.15	0.55	
3.5	11.2		Cum	1	7.70	1.05	1.05	1.05	0.15	1.21	
11.2	14.2		Cum	1	3.00	1.05	1.05	1.05	0.15	0.47	
14.2	33.2		Cum	1	19.00	1.05	1.05	1.05	0.15	2.99	
33.2	51.5		Cum	1	18.30	1.05	1.05	1.05	0.15	2.88	
51.5	57		Cum	1	5.50	1.05	1.05	1.05	0.15	0.87	
57	70.4		Cum	1	13.40	1.05	1.05	1.05	0.15	2.11	
		RHS (South Side)									
		From 2nd Main to Church									
0	15		Cum	1	15.00	1.05	1.05	1.05	0.15	2.36	
15	19.3		Cum	1	4.30	1.05	1.05	1.05	0.15	0.68	
19.3	49.6		Cum	1	30.30	1.05	1.05	1.05	0.15	4.77	
		Government School Road 10th Cross Road									
		LHS (South Side)									
		2nd Main To Cross Road									
0	33.2		Cum	1	33.20	1.05	1.05	1.05	0.15	5.23	
33.2	71.1		Cum	1	0.00	1.05	1.05	1.05	0.15	0.00	
		10th cross to Church Road									
		LHS (East Side)									
		From Govt School Road To Church Road									
0	15		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48	
15	29.2		Cum	1	14.20	1.10	1.10	1.10	0.15	2.34	
									Total	**28.95**	

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bangalore Mahanagara Palike

RUDRA PRASAD CONSULTANTS BANGALORE

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Contractor PMC Assistant Engineer 03/06/21 Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of WORK : **Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no.11 in Kuvempunagar**

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m) B1	Breadth (m) B2	Breadth (m) Avg B	Depth (m)	Quantity	Remarks
Item No. 09		Providing T M T bars Fe 500 steel reinforcement for R C C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design. (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per the directions of the Engineer-in-charge of the work.									
Measurements taken on		09.06.2021									
			Tonne		From steel calculation sheet					3.75	
									Total	3.75	

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Contractor PMC Assistant Engineer 09/06/21 Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements to Roads and Drains at Kuvempunagara 1st Stage and Surrounding Area in ward no.11 Kuvempunagara

PRE MEASUREMENT SHEET

First And Final Bill

STEEL CALCULATION

SI NO	Description	Nos	BAR DIA mm	No. Bars	Total No. bars	Length m	Total Length m	Weight kg/m	Total weight Kg's
Item No. 09	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications, and as per the directions of the Engineer-in-charge of the work								
Measurements Taken On:		09-06-2021							
	For RCC Drain								
	Church Road (9th Cross Road)								
	From Gude Vinayaka Temple Opp to 2nd Main Road								
	LHS (North Side)								
	Main Bars (#12@160 c/c)	1	12	440	440	2.25	990.00	0.89	878.94
	Distribution(14-#10)	1	10	14	14	70.40	985.60	0.62	607.66
	RHS (South Side)								
	From 2nd Main to Church								
	Main Bars (#12@160 c/c)	1	12	310	310	2.25	697.50	0.89	619.25
	Distribution(13-#10)	1	10	13	13	49.60	644.80	0.62	397.54
	Government School Road 10th Cross Road								
	LHS (South Side)								
	2nd Main To Cross Road								
	Main Bars (#12@180 c/c)	1	12	184	184	2.25	415.00	0.89	368.44
	Distribution(13-#10)	1	10	13	13	33.20	431.60	0.62	266.10

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

PRASAD CONSULTANTS BANGALORE

Assistant Executive Engineer
Kuvempunagar, Sub-division,
KRIDL, BBMP, Bangalore

PMC

Assistant Engineer 06/21

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements to Roads and Drains at Kuvempunagara 1st Stage and Surrounding Area in ward no.11 Kuvempunagara

PRE MEASUREMENT SHEET

First And Final Bill

STEEL CALCULATION

Sl NO	Description	Nos	BAR DIA mm	No. Bars	Total No. bars	Length m	Total Length m	Weight kg m	Total weight Kg's
	10th cross to Church Road								
	LHS (East Side)								
	From Govt School Road To Church Road								
	Main Bars (+12@180 c/c)	1	12	162	162	2.40	389.33	0.89	345.66
	Distribution(15-+10)	1	10	15	15	29.20	438.00	0.62	270.04
								TOTAL QTY IN KG'S	3753.63
								TOTAL QTY IN TONNE	3.75

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Contractor

RAJ PRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

OF WORK:- Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no.11 in empunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m) B1	Breadth (m) B2	Breadth (m) Avg B	Depth (m)	Quantity	Remarks
Item No. 11		Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements taken on		15-06-2021									
		Kuvempu Nagar									
		9th Cross Church Road									
		From 2nd Main To Dead End									
0	13.2		Cum	1	13.20	6.20	5.70	5.95	0.20	15.71	
13.2	19.6		Cum	1	6.40	5.30	4.40	4.85	0.20	6.21	
19.6	30		Cum	1	10.40	5.00	5.30	5.15	0.20	10.71	
30	41.8		Cum	1	11.80	5.30	6.40	5.85	0.20	13.81	
41.8	44.8		Cum	1	3.00	5.90	6.10	6.00	0.20	3.60	
44.8	50.4		Cum	1	5.60	5.40	5.50	5.45	0.20	6.10	
50.4	54.4		Cum	1	4.00	4.95	5.20	5.08	0.20	4.06	
54.4	63.6		Cum	1	9.20	4.50	4.70	4.60	0.20	8.46	
63.6	70.5		Cum	1	6.90	5.50	4.90	5.20	0.20	7.18	
70.5	71.3		Cum	1	0.80	5.60	5.60	5.60	0.20	0.90	
71.3	72.9		Cum	1	1.60	6.10	6.10	6.10	0.20	1.95	
72.9	75.2		Cum	1	2.30	4.65	4.80	4.73	0.20	2.17	
75.2	79		Cum	1	3.80	5.00	3.95	4.48	0.20	3.40	
79	86.8		Cum	1	7.80	6.00	5.50	5.75	0.20	8.97	
		Nammura Anganavadi Near Church									
		From 9th Cross Church Road to Ro Plant Road									
0	12		Cum	1	12.00	6.65	6.45	6.55	0.20	15.72	
12	30.6		Cum	1	18.60	6.15	4.95	5.55	0.20	20.65	
		6th Cross Road (Mariyamma Temple)									
		From 2nd Main To Maramma Temple									
0	2.1		Cum	1	2.10	6.30	6.40	6.35	0.20	2.67	
2.1	12.1		Cum	1	10.00	7.00	7.45	7.23	0.20	14.45	
12.1	13.9		Cum	1	1.80	6.15	6.10	6.13	0.20	2.21	
13.9	34.8		Cum	1	20.90	7.60	8.00	7.80	0.20	32.60	
		Maramma Temple Road									
		From Maramma Temple To Main Road									
0	1.5		Cum	1	1.50	7.00	7.00	7.00	0.20	2.10	
1.5	13.4		Cum	1	11.90	7.40	6.50	6.95	0.20	16.54	
13.4	16.5		Cum	1	3.10	5.85	5.95	5.90	0.20	3.66	
16.5	19.4		Cum	1	2.90	8.10	8.20	8.15	0.20	4.73	
19.4	25.3		Cum	1	5.90	7.20	6.50	6.85	0.20	8.08	

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhat Bangalore Mahanagara Palike

Assistant Executive Engineer, Kuvempunagar, Sub-division, PMC

Assistant Engineer

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

WORK:- Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no.11 in nagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

age To	Description of Item	Unit	No	Length (m)	Breadth (m) B1	B2	Avg B	Depth (m)	Quantity	Remarks
	Munisswamappa Layout									
	1st Cross Road									
	From Sri Manjunatha Swami Nilaya to Dead End									
15		Cum	1	15.00	3.50	4.10	3.80	0.20	11.40	216.63
30		Cum	1	15.00	4.10	4.30	4.20	0.20	12.60	
34.8		Cum	1	4.80	4.30	4.30	4.30	0.20	4.13	
43.9		Cum	1	9.10	4.00	3.40	3.70	0.20	6.73	
44.6		Cum	1	0.70	2.80	2.75	2.78	0.20	0.39	
60		Cum	1	15.40	3.30	4.40	3.85	0.20	11.86	
75.5		Cum	1	15.50	4.40	4.50	4.45	0.20	13.80	
83		Cum	1	7.50	3.70	3.70	3.70	0.20	5.55	
	Singapur Layout									
	From #59/2 Srimathi Latha W/o Kumar to Lokesh Nilaya #34									
1.8		Cum	1	1.80	3.05	3.05	3.05	0.20	1.10	
6.4		Cum	1	4.60	3.55	3.60	3.58	0.20	3.29	
8.5		Cum	1	2.10	2.75	2.60	2.68	0.20	1.12	
14.5		Cum	1	6.00	3.25	2.70	2.98	0.20	3.57	
15.6		Cum	1	1.10	2.55	2.55	2.55	0.20	0.56	
27.2		Cum	1	11.60	3.85	3.30	3.58	0.20	8.29	
32.1		Cum	1	4.90	7.50	6.20	6.85	0.20	6.71	
37.3		Cum	1	5.20	5.80	5.50	5.65	0.20	5.88	
51.1		Cum	1	13.80	4.80	5.00	4.90	0.20	13.52	
56.6		Cum	1	5.50	5.00	5.50	5.25	0.20	5.78	
	Deduction									
		Cum	-4	0.44				0.20	-0.35	
				Area of Circle=(3.14X0.75²)/4=0.44						
		Cum	-3	0.50				0.20	-0.30	
				Area of Circle=(3.14X0.8²)/4=0.50						
		Cum	-3	0.44				0.20	-0.26	
				Area of Circle=(3.14X0.75²)/4=0.44						
		Cum	-1	0.50				0.20	-0.10	
				Area of Circle=(3.14X0.8²)/4=0.50						
		Cum	-1	0.44				0.20	-0.09	
				Area of Circle=(3.14X0.75²)/4=0.44						
		Cum	-1	1.70	0.90	0.90	0.90	0.20	-0.31	
		Cum	-1	2.60	6.50	6.50	6.50	0.20	-3.38	
		Cum	-1	1.30	1.20	1.20	1.20	0.20	-0.31	
		Cum	-1	2.30	6.40	6.40	6.40	0.20	-2.94	
								Total	**324.86**	

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

PRASAD CONSULTANTS BANGALORE

Assistant Executive Engineer, R. Nagar, Sub division, RIDL, BBMP, Bangalore

Contractor PMC

Assistant Engineer 15/06/21

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

OF WORK:- Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no.11 in Kuvempunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m) B1	Breadth (m) B2	Breadth (m) Avg B	Depth (m)	Quantity	Remarks
Item No. 12		Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements taken on		18-06-2021									
		Sri Manjunath Layout Singapura									
		7th Cross Road									
		From North To South									
0	30		Cum	1	30.00	5.40	5.80	5.60	0.10	16.80	
30	42.2		Cum	1	12.20	5.80	6.40	6.10	0.10	7.44	
		Ashraya Layout 3rd A Cross Connecting Hosabalu nagar Main road									
		From East Side To West Side									
0	3.2		Cum	1	3.20	3.90	4.80	4.35	0.10	1.39	
3.2	7.9		Cum	1	4.70	5.00	5.80	5.40	0.10	2.54	
7.9	9.8		Cum	1	1.90	5.60	3.70	4.65	0.10	0.88	
9.8	15		Cum	1	5.20	3.70	3.50	3.60	0.10	1.87	
15	28.4		Cum	1	13.40	3.50	4.20	3.85	0.10	5.16	
28.4	45		Cum	1	16.60	4.70	4.20	4.45	0.10	7.39	
45	60		Cum	1	15.00	4.20	4.80	4.50	0.10	6.75	
		Kanaka Bhavana Front Road									
		From Asraya Layout 3rd Cross to Asphalt Road Conecting									
0	15		Cum	1	15.00	5.00	5.00	5.00	0.10	7.50	
15	30		Cum	1	15.00	5.00	5.00	5.00	0.10	7.50	
30	45		Cum	1	15.00	5.00	5.00	5.00	0.10	7.50	
45	60		Cum	1	15.00	5.00	5.00	5.00	0.10	7.50	
60	75		Cum	1	15.00	5.00	5.00	5.00	0.10	7.50	
75	90		Cum	1	15.00	5.00	5.00	5.00	0.10	7.50	
90	101.5		Cum	1	11.50	5.00	5.00	5.00	0.10	5.75	
		Kuvempu Nagar									
		9th Cross Church Road									
		From 2nd Main To Dead End									
0	13.2		Cum	1	13.20	6.20	5.70	5.95	0.10	7.85	
13.2	19.6		Cum	1	6.40	5.30	4.40	4.85	0.10	3.10	
19.6	30		Cum	1	10.40	5.00	5.30	5.15	0.10	5.36	
30	41.8		Cum	1	11.80	5.30	6.40	5.85	0.10	6.90	
41.8	44.8		Cum	1	3.00	5.90	6.10	6.00	0.10	1.80	
44.8	50.4		Cum	1	5.60	5.40	5.50	5.45	0.10	3.05	
50.4	54.4		Cum	1	4.00	4.95	5.20	5.08	0.10	2.03	
54.4	63.6		Cum	1	9.20	4.50	4.70	4.60	0.10	4.23	
63.6	70.5		Cum	1	6.90	5.50	4.90	5.20	0.10	3.59	
70.5	71.3		Cum	1	0.80	5.60	5.60	5.60	0.10	0.45	
71.3	72.9		Cum	1	1.60	6.10	6.10	6.10	0.10	0.98	
72.9	75.2		Cum	1	2.30	4.65	4.80	4.73	0.10	1.09	
75.2	79		Cum	1	3.80	5.00	3.95	4.48	0.10	1.70	
79	86.8		Cum	1	7.80	6.00	5.50	5.75	0.10	4.49	

Assistant Executive Engineer, R.R. Nagar, Sub-division, Bangalore

PRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer 18/06/21

ASSISTANT EXECUTIVE ENGINEER

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

E OF WORK:- Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no.11 in mpunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage		Description of Item	Unit	No	Length	Breadth (m)			Depth	Quantity	Remarks
m	To				(m)	B1	B2	Avg B	(m)		
		Nammura Anganavadi Near Church									
		From 9th Cross Church Road to Ro Plant Road									147.59
	12		Cum	1	12.00	6.65	6.45	6.55	0.10	7.86	
	30.6		Cum	1	18.60	6.15	4.95	5.55	0.10	10.32	
		6th Cross Road (Mariyamma Temple)									
		From 2nd Main To Maramma Temple									
	2.1		Cum	1	2.10	6.30	6.40	6.35	0.10	1.33	
	12.1		Cum	1	10.00	7.00	7.45	7.23	0.10	7.23	
2.1	13.9		Cum	1	1.80	6.15	6.10	6.13	0.10	1.10	
3.9	34.8		Cum	1	20.90	7.60	8.00	7.80	0.10	16.30	
		Maramma Temple Road									
		From Maramma Temple To Main Road									
0	1.5		Cum	1	1.50	7.00	7.00	7.00	0.10	1.05	
.5	13.4		Cum	1	11.90	7.40	6.50	6.95	0.10	8.27	
3.4	16.5		Cum	1	3.10	5.85	5.95	5.90	0.10	1.83	
6.5	19.4		Cum	1	2.90	8.10	8.20	8.15	0.10	2.36	
9.4	25.3		Cum	1	5.90	7.20	6.50	6.85	0.10	4.04	
		Muniswamappa Layout									
		1st Cross Road									
		From Sri Manjunatha Swami Nilaya to Dead End									
0	15		Cum	1	15.00	3.50	4.10	3.80	0.10	5.70	
15	30		Cum	1	15.00	4.10	4.30	4.20	0.10	6.30	
30	34.8		Cum	1	4.80	4.30	4.30	4.30	0.10	2.06	
4.8	43.9		Cum	1	9.10	4.00	3.40	3.70	0.10	3.37	
3.9	44.6		Cum	1	0.70	2.80	2.75	2.78	0.10	0.19	
4.6	60		Cum	1	15.40	3.30	4.40	3.85	0.10	5.93	
60	75.5		Cum	1	15.50	4.40	4.50	4.45	0.10	6.90	
5.5	83		Cum	1	7.50	3.70	3.70	3.70	0.10	2.78	
		Singapur Layout									
		From #59/2 Srimathi Latha W/o Kumar to Lokesh Nilaya #34									
0	1.8		Cum	1	1.80	3.05	3.05	3.05	0.10	0.55	
1.8	6.4		Cum	1	4.60	3.55	3.60	3.58	0.10	1.64	
6.4	8.5		Cum	1	2.10	2.75	2.60	2.68	0.10	0.56	
8.5	14.5		Cum	1	6.00	3.25	2.70	2.98	0.10	1.79	
4.5	15.6		Cum	1	1.10	2.55	2.55	2.55	0.10	0.28	
5.6	27.2		Cum	1	11.60	3.85	3.30	3.58	0.10	4.15	
7.2	32.1		Cum	1	4.90	7.50	6.20	6.85	0.10	3.36	
2.1	37.3		Cum	1	5.20	5.80	5.50	5.65	0.10	2.94	
7.3	51.1		Cum	1	13.80	4.80	5.00	4.90	0.10	6.76	
1.1	56.6		Cum	1	5.50	5.00	5.50	5.25	0.10	2.89	

269.48

PRASAD CONSULTANTS BANGALORE

Assistant Executive Engineer, Rajajinagar, Sub-division, BBMP, Bangalore PMC

Assistant Engineer 18/06/21

ASSISTANT EXECUTIVE ENGINEER

Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no.11 in Kempunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m) B1	Breadth (m) B2	Breadth (m) Avg B	Depth (m)	Quantity	Remarks
		Singapura									
		KiranDeep Nivas House Road From 2nd Main Tower Road to Dead End									
0	15		Cum	1	15.00	4.35	4.40	4.38	0.10	6.56	267.43
15	30.5		Cum	1	15.50	4.40	4.20	4.30	0.10	6.67	
		#13 Surabhi House Road From 2nd Main Tower Road to Dead End									
0	15		Cum	1	15.00	3.40	3.95	3.68	0.10	5.51	
15	30		Cum	1	15.00	3.95	3.85	3.90	0.10	5.85	
30	31.6		Cum	1	1.60	3.85	3.65	3.75	0.10	0.60	
		#120 Ashirvada House Road From 2nd Main Tower Road to Dead End									
0	3.5		Cum	1	3.50	4.00	4.40	4.20	0.10	1.47	
3.5	8.6		Cum	1	5.10	5.10	5.15	5.13	0.10	2.61	
8.6	12.3		Cum	1	3.70	4.75	4.80	4.78	0.10	1.77	
12.3	15		Cum	1	2.70	4.30	4.40	4.35	0.10	1.17	
15	24.7		Cum	1	9.70	4.40	4.05	4.23	0.10	4.10	
0	15		Cum	1	15.00	3.30	3.15	3.23	0.10	4.84	
15	30		Cum	1	15.00	3.15	3.60	3.38	0.10	5.06	
30	41		Cum	1	11.00	3.60	3.50	3.55	0.10	3.91	
		Deduction									
			Cum	-4	0.44				0.10	-0.18	
					Area of Circle=(3.14X0.75²)/4=0.44						
			Cum	-3	0.50				0.10	-0.15	
					Area of Circle=(3.14X0.8²)/4=0.50						
			Cum	-3	0.44				0.10	-0.13	
					Area of Circle=(3.14X0.75²)/4=0.44						
			Cum	-1	0.50				0.10	-0.05	
					Area of Circle=(3.14X0.8²)/4=0.50						
			Cum	-1	0.44				0.10	-0.04	
					Area of Circle=(3.14X0.75²)/4=0.44						
			Cum	-1	1.70	0.90	0.90	0.90	0.10	-0.15	
			Cum	-1	2.60	6.50	6.50	6.50	0.10	-1.69	
			Cum	-1	1.30	1.20	1.20	1.20	0.10	-0.16	
			Cum	-1	2.30	6.40	6.40	6.40	0.10	-1.47	
									Total	**313.52**	

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BSMP, Bangalore.

Contractor PMC Assistant Engineer Assistant exicutive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Of WORK:- Improvements to roads and drains at Kuvempunagar 1st Stage and surrounding areas in ward no.11 in Kempunagar

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage		Description of Item	Unit	No	Length	Breadth (m)			Depth	Quantity	Remarks
om	To				(m)	B1	B2	Avg B	(m)		
tem No. 13		Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite trap basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and as per the directions of the Engineer-in-charge of the work									
easurements taken on		21-06-2021									
		Sri Manjunath Layout Singapura									
		7th Cross Road									
		From North To South									
0	30		Cum	1	30.00	5.40	5.80	5.60	0.10	16.80	
30	42.2		Cum	1	12.20	5.80	6.40	6.10	0.10	7.44	
		Ashraya Layout 3rd A Cross Connecting Hosabalu nagar Main road									
		From East Side To West Side									
0	3.2		Cum	1	3.20	3.90	4.80	4.35	0.15	2.09	
3.2	7.9		Cum	1	4.70	5.00	5.80	5.40	0.15	3.81	
7.9	9.8		Cum	1	1.90	5.60	3.70	4.65	0.15	1.33	
9.8	15		Cum	1	5.20	3.70	3.50	3.60	0.15	2.81	
15	28.4		Cum	1	13.40	3.50	4.20	3.85	0.15	7.74	
28.4	45		Cum	1	16.60	4.70	4.20	4.45	0.15	11.08	
45	60		Cum	1	15.00	4.20	4.80	4.50	0.15	10.13	
		Kanaka Bhavana Front Road									
		From Asraya Layout 3rd Cross to Asphalt Road Conecting									
0	15		Cum	1	15.00	5.00	5.00	5.00	0.15	11.25	
15	30		Cum	1	15.00	5.00	5.00	5.00	0.15	11.25	
30	45		Cum	1	15.00	5.00	5.00	5.00	0.15	11.25	
45	60		Cum	1	15.00	5.00	5.00	5.00	0.15	11.25	
60	75		Cum	1	15.00	5.00	5.00	5.00	0.15	11.25	
75	90		Cum	1	15.00	5.00	5.00	5.00	0.15	11.25	
90	101.5		Cum	1	11.50	5.00	5.00	5.00	0.15	8.63	
									Total	**139.34**	

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Assistant Executive Engineer
R.R. Nagar, Sub-division
KRIDL, BBMP, Bangalore

PRASAD CONSULTANTS BANGALORE

Contactor PMC Assistant Engineer 21/06/21 Assistant exicutive Engineer